

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

REPORT

CD NO.

COUNTRY Germany (Russian Zone)

SUBJECT Production of Funkwerk Erfurt

PLACE
 ACQUIRED

DATE OF

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1. Funkwerk Erfurt (formerly Telefunken), a state-owned enterprise in the state of Thuringia, is producing electrical devices for the Soviet reparations account. Tubes of the following types are manufactured:

a. Transmitting tubes:

RS 384 (800 W output) - production of 5 per week
 RS 207 (2 Kw output) - production of 3 per week

LD and LG types are also assembled, using components manufactured by Lorenz A.G. for ultra short waves and decimeter tubes.

b. Receiving tubes:

U and E series (such types as AZ 11, AZ 1, and EZ 11), RS 720 (10 Kw tube for medium and short waves): production was to start during the last quarter of 1948.

2. The following attachment is a translation of an advertising leaflet which was distributed **Comment: Presumably overtly.** by Funkwerk Erfurt during 1948. It lists various types of electronic equipment produced at the plant.

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Funkwerk Erfurt (formerly Telefunken) 15a Erfurt,
Rudolfstrasse 47, Telephone 2 52 26

Apparatus DivisionFirst Quarter

Tube voltmeter, Type 114	Measuring range: 0.15V - 0.5V - 2V	Frequency range: 10 kHz 50 MHz
High frequency tube voltmeter, Type 116	Measuring range: 2V - 10V - 50V	Frequency range: 1- kHz 30 MHz
Megohmmeter, Type 005	Measuring range: 100 kOhm - 5,000 MOhm	4 measuring ranges of $\pm 10\%$ margin of error
RLC measuring bridge, Type 218	Measuring capacities: "R" measurements: 0.1 Ohm - 10 MOhm "L" measurements: 10 μ H - 1,000 H "C" measurements: 10 pF - 1,000 uF "Z" measurements: 0.1 Ohm - 10 MOhm	
Radio receiver, 3 tubes	Short, medium, and long waves	Diameter of loudspeaker: 150 mm. Types of tubes: UCH 11, UCL, and UY 11.

Second Quarter

High frequency measuring generator, Type 123	Frequency range: 100 kHz - 30 MHz distributed over 7 ranges	Modulation frequency: 400 Hz
Precision wavemeter, Type 121	Measuring range: 30 kHz - 30 MHz over 8 ranges	Tolerance: 0.1% Out- put voltage: 20 mV
Laboratory wavemeter, Type 125	Measuring range: 30 kHz - 30 MHz over 8 ranges	Tolerance: 0.5% Out- put voltage: 20 mV

Third Quarter

Induction meter, Type 220	Measuring range: 0.1 μ H - 10 mH over 5 ranges	Tolerance: $\pm 2\%$ ± 0.02 uH
Quality coefficient meter, Type 127	Frequency range: 35 kHz - 10 MHz over 6 ranges	Tolerance: $\pm 5\%$
Capacity measuring bridge, Type 204	Measuring range: 0.01 pF - 1 μ F over 5 ranges	Tolerance: ± 0.05 pF....1% according to the range
Frequency meter, Type 107	Measuring range: 10 Hz - 60,000 Hz distributed over 6 steps	Tolerance: $\pm 1\%$ $\pm 5\%$

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Fourth Quarter

Induction meter, Type 219	Measuring range: 1mH - 10 H over 4 ranges	Tolerance: 5%
Distortion factor measuring bridge, Type 203	Measuring range: 20 Hz - 10,000 Hz over 4 ranges	Measuring range of distri- bution factor: 0.1...100%
Precision audio frequency generator, Type 205	Frequency range: 20 Hz - 20 kHz	Output capacity, c. 0.5 W

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